09/586575

FIFO WITH UNDO-PUSH CAPABILITY

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ABSTRACT OF THE DISCLOSURE

A plurality of command segments comprising one command are received into an integrated circuit in a plurality of phases, each command segment being received in a different phase. The command segments are pushed into a command queue. Control logic checks for a cancellation indication for the command being received. If a cancellation indication is received, the control logic for the command queue performs an undo-push operation to remove the command segments stored in the command queue associated with the cancelled command.

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